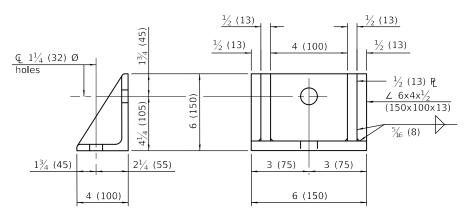
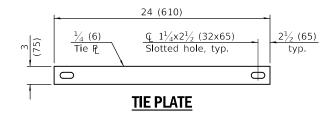


JOINT SPLICE



CONNECTION ANGLE



FLAT SLAB TOP REINFORCEMENT

Location	Riser Height (RH)	WWR (each direction)		Rebar (each direction except as noted)		
		A _s (min.)	Spacing (max.)	A _s (min.)	Spacing (max.)	Bar Size
Тор	All	0.11 sq. in./ft.	18	0.11 sq. in./ft.	18	#3 or #4
Mat		(233 sq. mm/m)	(450)	(233 sq. mm/m)	(450)	(#10) (#13)
Bottom Mat	RH ≤ 10 ft. (3.05 m)	** 0.88 sq. in./ft.	6	See plan view for rebar orientation and		#6
		(1863 sq. mm/m)	(150)			(#19)
	RH > 10 ft. (3.05 m)	WWR not permitted		spacing and this table for bar size		#7
						(#22)

^{**} Only one layer of WWR permitted to avoid congestion.

WALL REINFORCEMENT

Location	Orientation	WWR or Rebar		
Location	Orientation	A _s (min.)	Spacing (max.)	
4 ft. (1.22 m) Ø Riser	Circumferential	0.12 sq. in./ft. (254 sq. mm/m)	6 (150)	
4 It. (1.22 III) Ø KISEI	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)	
8 ft. (2.44 m) Ø Barrel	Circumferential	0.24 sq. in./ft. (508 sq. mm/m)	6 (150)	
6 it. (2.44 iii) Ø Barrer	Vertical	0.045 sq. in./ft. (95 sq. mm/m)	8 (200)	

BASE SLAB REINFORCEMENT

Location	Riser Height (RH)/	WWR or Rebar (each direction)		
Location	Total Height (TH)	A _s (min.)	Spacing (max.)	
Тор	RH \leq 10 ft. (3.05 m)	0.36 sq. in./ft.	6	
	& TH \leq 20 ft. (6.10 m)	(762 sq. mm/m)	(150)	
Mat	RH > 10 ft. (3.05 m)	0.60 sq. in./ft.	6	
	or TH > 20 ft. (6.10 m)	(1270 sq. mm/m)	(150)	
Bottom	All	0.11 sq. in./ft.	18	
Mat		(233 sq. mm/m)	(450)	

PRECAST MANHOLE TYPE A 8' (2.44 m) DIAMETER

(Sheer 3 or

STANDARD 602416-08